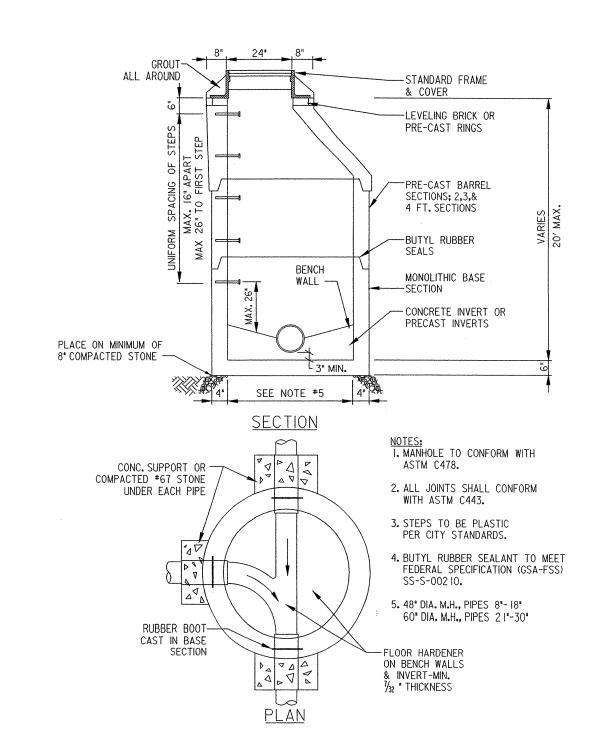


- I. FOR USE WITH ALL PVC GRAVITY SEWER AND SEWER FORCE MAIN PIPE AND WHEN CONDITIONS OF POOR OR SATURATED SOIL OR ROCK ARE PRESENT, REGARDLESS OF PIPE MATERIAL.
- 2. TRENCH SIDE SLOPES SHALL BE IN ACCORDANCE WITH OSHA REQUIREMENTS. SUPPORT OR SHORE WHEN TRENCH IS MORE THAN 5'DEEP AND 8'LONG. BEGIN SIDE SLOPE, IF USED, APPROX. 18" ABOVE TOP OF PIPE.
- 3. BACKFILLING OF TRENCHES SHALL BE ACCOMPLISHED IMMEDIATELY AFTER THE PIPE IS LAID. COMPACTION REQUIREMENTS SHALL BE ATTAINED BY THE USE OF MECHANICAL TAMPS ONLY. EACH AND EVERY LAYER OF BACKFILL SHALL BE PLACED LOOSE IN 6" LAYERS AND THOROUGHLY COMPACTED INTO PLACE.
- 4. UNDER NO CIRCUMSTANCES SHALL WATER BE PERMITTED TO RISE IN UNBACKFILLED TRENCHES AFTER THE PIPE HAS BEEN PLACED.
- 5. ALL MATERIAL SHALL HAVE AN IN PLACE DENSITY OF 100% TO A DEPTH 6" BELOW THE FINISHED GRADE OF THE BACKFILL MATERIAL, AND 95% AT GREATER THAN 6" BELOW GRADE.

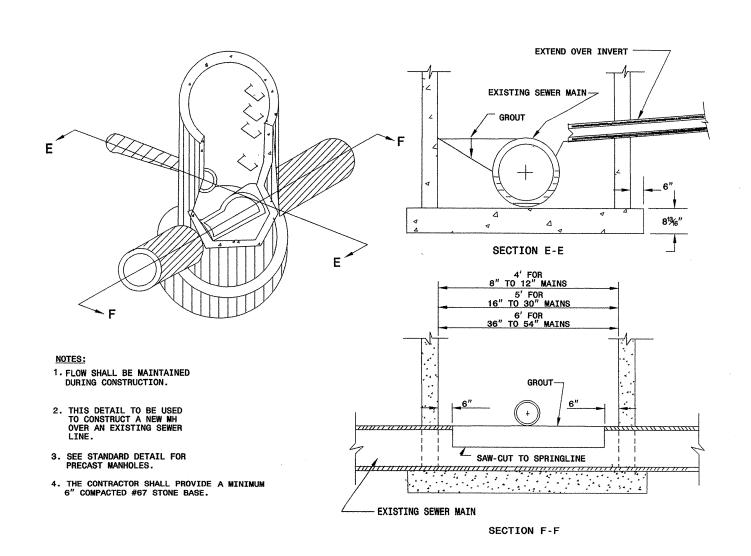
PIPELINE INSTALLATION-TYPE III BEDDING

NOT TO SCALE



PRECAST MANHOLE DETAIL

NOT TO SCALE



STANDARD MANHOLE INSTALLATION OVER EXISTING SEWER MAIN (DOGHOUSE)

NOT TO SCALE

ALL WATER LINES OWNED BY SALISBURY-ROWAN UTILITIES

FORCE MAIN AND GRAVITY SEWER OWNED BY SALISBURY-ROWAN SCHOOL DISTRICT

PROJECT REFERENCE NO.

R-2911D

SCALE:

UTILITY ENGINEER

UTILITY ENGINEER

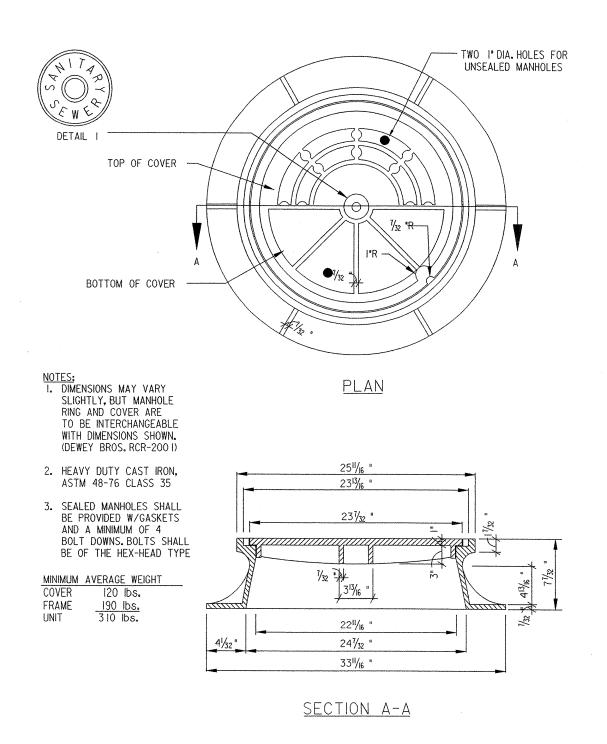
SEAL

23082

CONST. REV.

R/W REV.

UTILITY CONSTRUCTION



MANHOLE FRAME & COVER DETAIL

NOT TO SCALE

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